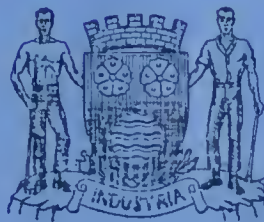


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BURGH OF MOTHERWELL AND WISHAW



ANNUAL REPORT

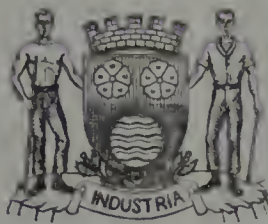
of the

MEDICAL OFFICER OF HEALTH

for the year 1970



BURGH OF MOTHERWELL AND WISHAW



# ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

for the year 1970



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## HEALTH DEPARTMENT STAFF

### Medical Officer of Health

William C. Young, M.B., Ch.B., D.P.H., D.P.A.

### Depute Medical Officer of Health

Iain B.C. Eckford, M.B., Ch.B., D.P.H.

### Medical Officers (Part-time)

Jean Henderson, M.B., Ch.B., D.P.H.

Mary Murray, M.B., Ch.B.

### Chief Dental Officer

James H.B. Steel, L.D.S., R.F.P.S.

### Dental Officer

Kathleen Cockburn, L.D.S., D.P.D.

### Superintendent of Health Visitors, Home Nurses and Supervisor of Midwives

Margaret M. S. Cameron, R.G.N., S.C.M., H.V., Q.I.D.N.

### Assistant Superintendent of Health Visitors, Home Nurses and Assistant Supervisor of Midwives

Amelia F. Cumming, R.G.N., S.C.M., H.V.

### Health Visitors

Elizabeth Brown  
Catherine Anderson  
Mary Coia  
Elisabeth Graham  
Barbara Mackie  
Ann Prentice  
Janet Ramage  
Ann Black  
Margaret Gilmour  
Jeanie McCaveny

Elizabeth Findlay  
Margaret Cockburn  
Catherine Stevenson  
Helen Herbert  
Clara Lamb  
Patricia Quinn  
Margaret Watters  
Jeanie MacFarlane  
Mildred White

### Home Nurses

Elizabeth Helling  
Margaret Dunn  
Margaret Greenshields  
Janet Lawrie  
Jean McLaughlin  
Lilian Paton  
Mary Murphy

Catherine Campbell  
Mary Gibson  
Marjorie Johnstone  
Janet Heron  
Margaret Hatcher  
Julie Watters

### Clinic Nursing Staffing

Assistant Superintendent at Clinics  
Staff Nurse  
Staff Nurse  
S.E.N.  
Probationer

Agnes Rintoul  
Marion Foulds  
Robina Hepburn  
Elizabeth O'Reilly  
Margaret Lyle

Dental Surgery Assistants

Moira Glackin  
Christine Currie

Midwives

Alice Boylan

District Nurses/Midwives

Bridget Quinn

Janet Ferguson

Clerical Staff

Eleanor Rankin

Agnes Paterson  
Elizabeth Weir  
Morag Neilson

Isabella Brown  
Elizabeth Barrie  
Barbara Paton

Welfare Foods

Margaret Freel



SUMMARY OF VITAL STATISTICS FOR THE YEAR, 1970

Population (Registrar General's Estimate) to middle of 1970	74,453
Number of live births (Corrected for Usual Residence)	1,142
Birth rate per thousand of population	15.3
Illegitimate birth rate per 100 live births	6.0
Number of deaths (Corrected for Usual Residence)	856
Death rate per 1,000 of the population	11.5
Death rate adjusted for age and sex distribution	13.3
Number of deaths of infants under one year (Corrected for Usual Residence)	30
Infant mortality rate (per thousand live births)	26
Neonatal mortality rate (per thousand live births)	16
Total number of still-births (Corrected for Usual Residence)	19
Still-birth rate per 1,000 total births	16
Number of deaths from all forms of tuberculosis (Corrected)	4
Death rate from all forms of tuberculosis (per 1,000 of population)	0.05
Number of deaths from pulmonary tuberculosis	5
Death rate from pulmonary tuberculosis (per 1,000 of population)	0.05
Number of deaths from malignant neoplasms (Corrected)	162
Death rate from malignant neoplasms (per 1,000 of population)	2.18
Number of deaths from bronchitis and pneumonia (Corrected)	92
Death rate from bronchitis and pneumonia (per 1,000 of population)	1.24
Number of deaths from road transport accidents (Corrected)	11
Death rate from road transport accidents (per 1,000 of population)	0.15
Number of deaths from accidents in the home (Corrected)	7
Death rate from accidents in the home (per 1,000 of population)	0.09

## GENERAL COMMENTS

### Links with General Medical and Hospital Services

Full details of the attachment of the Town Council's nursing services to general medical practice and the hospital service were recorded in my annual report for 1969. The full attachment of home nurses and health visitors to general medical practitioner groups, which was begun in May 1969, progressed on the original lines during 1970. No new developments took place and 1970 can be regarded as a year in which these ties with general practice were strengthened by working together. Similarly the nursing link with the maternity hospital service and the geriatric and general hospital service continued as in 1969. Special health visitors continued their liaison work with hospitals as in 1969, the liaison with geriatric wards being particularly valuable.

With one exception, each of the nine G.P. groups held a weekly child welfare session, four of which were held in Town Council clinic premises and four in group surgeries. With two exceptions each of the nine G.P. groups had weekly ante natal and post natal sessions, five of which were held in Town Council clinic premises and two in group surgeries.

No further progress was made during the year in the development of Health Centres.

### VACCINATION BY HEALTH VISITORS

With the attachment of the nursing staff to general medical practitioners it is to be hoped that the latter will consider the tasks which they might safely delegate to nurses in order to acquire time which the practitioners could employ on their own special skills. It was with this in mind that arrangements were made in 1970 to provide in-service training in vaccination so that in a year or two each Health Visitor should be competent to undertake completely all vaccination procedures. Vaccination against smallpox was not included as it was anticipated that routine smallpox vaccination in childhood might be discontinued at an early date. The arrangements covered all other vaccination procedures, including B.C.G. and rubella. Stress was placed on the importance of adequate screening for suitability and contraindications rather than the simple injection techniques with which the nurses were already very familiar. All procedures were to be carried out by the Health Visitors under the supervision of a Medical Officer and it is to be hoped that in time the medical supervision will be unnecessary. During the year the Town Council gave approval to vaccination procedures and venepuncture being carried out by a nurse in their employment provided the Medical Officer of Health was satisfied that the nurse had been properly instructed. The question of insurance cover in this respect was also satisfactorily arranged.

### SCREENING FOR CERVICAL CANCER

Three cervical cytology sessions per week have been conducted in Town Council clinic premises during 1970. 1214 women attended during the year, 24% being under 30 years, 64% being between 30 and 50 years of age, and 12% being over 50 years. 1135 women were found negative and will not be recalled for 5 years. 74 were negative and will be recalled in 1 year, 3 in whom findings were suspicious were continued for repeat smears in 1971. 2 women had abnormal findings and were treated by cone biopsy followed by hysterectomy.

### VACCINATION AGAINST RUBELLA

A vaccine against Rubella (German Measles) became available during the year and in the Autumn vaccination was offered to all girls in their 14th year of age attending schools in the Burgh. The importance of Rubella was well recognised in the community. It is a mild illness which causes trouble only when it develops during the early months of pregnancy during which time the virus may cause serious damage to the unborn child. The advantage of protective vaccination of girls before reaching child bearing age required little local publicity and the acceptance rate from parents of girls in this age group was 89%. Sessions were held in all secondary schools during the latter part of 1970 and early part of 1971. In all 977 girls were vaccinated. No significant after effects were reported.

It is interesting to note that from January 1971 a long term national surveillance was introduced to study the effect of rubella vaccination on the incidence of congenital rubella defects in children.

### VACCINATION AGAINST MEASLES

Vaccination against measles virtually came to a halt in 1969 with the withdrawal of one of the 2 vaccines which had been available. No expenditure was budgeted for under this heading during 1969/70 and it was the summer of 1970 before new supplies were obtained. During the year there appeared to be antipathy on the part of the majority of family doctors to measles vaccination which made it difficult for the attached health visitors to boost the numbers. During 1970 therefore only 145 children were given measles vaccination. Towards the end of the year however there were signs of a change in attitude and it is fully expected that, with maximum encouragement from Health Visitors, the response to this important vaccination procedure will improve in 1971.

Side effects from measles vaccination are minimal but the complication rate of the natural disease is far from insignificant. Recent enquiry showed that one in 15 persons suffering from measles developed a potentially serious complication and that 4 in every 1000 cases had a neurological disturbance. During the year 1970, 633 children were notified with measles and there are indications that a higher incidence may be expected in 1971.



### CONTROL OF COMMUNICABLE DISEASES

No unusual prevalence of communicable diseases fell to be recorded in 1970. Apart from the 633 cases of measles already referred to, 68 cases of infective jaundice were notified and investigated. 4 cases of suspected food poisoning were investigated during the year. Liaison between hospital, laboratory, family doctors with their attached Health Visitors and the Health Department in the control of communicable diseases does not present any major difficulty in this area.

In 1970, 20 persons received smallpox vaccination in Town Council clinics for the purpose of travelling abroad. No record was kept during the year of other vaccinations for this purpose. Arrangements have been made to keep these records from January 1971.

### HEALTH EDUCATION

No member of staff is solely employed on health education nor are there any routine sessions wholly devoted to health education other than mothercraft teaching. During the year 20 talks were given to groups mainly on the subject of child care.

### DOMICILIARY MIDWIFERY

The fall in the number of domiciliary births continues. During 1970 the number was 52. This number, which will continue to decrease, requires the employment of one midwife who has to be relieved for weekly time off, annual holidays, sickness absence, refresher course training and day and night stand-by duty. In other words it has become uneconomical to employ staff for the present number of domiciliary births. Still more important is the fact that the small number reduces the experience of the staff and leads to a lowering of the standard of domiciliary midwifery. For these reasons the Town Council have asked the Hospital Board of Management to consider this diminishing service being provided by Maternity Hospital staff. The matter is still under consideration.

### FAMILY PLANNING

Family Planning clinics have been conducted weekly in both Motherwell and Wishaw clinic premises for the past 10 years. Section 15 of the Health Services and Public Health Act 1968 came into operation on 1st September 1970 conferring a general power on local health authorities to provide these services directly or through an agency. The Town Council decided to continue family planning services through the agencies of the Motherwell and Wishaw Women's Advisory Association and the Motherwell and Wishaw Catholic Family Planning Association and to extend the service still further in 1971.

## SOCIAL WORK SERVICES

No formal arrangements have been made for collaborative action between the Health and Social Work Departments with reference to any group of persons. The relationship between the two Departments is satisfactory on the basis of informal co-operation.

## RESEARCH

A work study of all 44 nurses in the Health Department was begun in 1969 and completed in 1970. This study has been published in full in the 1971 July edition of the Health Bulletin of the Chief Medical Officer for Scotland and does not require further reference in this report.

## FLUORIDATION

The Town Council continued its policy of disapproval of fluoridation of the Burgh water supply during 1970. In this respect it is the only local health authority of the seven in Lanarkshire not in favour of fluoridation of water supply.

## POPULATION BIRTHS AND MARRIAGES

The population of the Burgh, estimated at 30th June 1970, was 74,453, 569 less than in 1969. The number of live births corrected for usual residence was 1,142 which is 131 less than in 1969, giving a standardised birth rate of 14.8 per 1,000 of population. There were 713 marriages registered during the year, 58 more than in 1969.

## DEATHS

There were 856 deaths during the year which is 38 less than in 1969, giving a standardised death rate of 13.3 per 1,000 of population.

There were 13 deaths from infective diseases during the year of which 3 were from enteritis and diarrhoeal disease, 4 from pulmonary tuberculosis, 2 from meningococcal infection and one from whooping cough. Deaths from cancer of lung totalled 40, 32 in males and 8 in females. There were 3 deaths from cervical cancer. Violent deaths totalled 27 as compared with 39 in 1969, this fall being mainly a result of 8 less deaths from accidents in the home and 2 less from motor vehicle accidents during 1970.

## INFANT DEATHS

There were 30 deaths in infants during the year giving an infant death rate of 26 per 1,000 live births. Details of these infant deaths are given in the body of the report.

HEALTH VISITING

Twenty-two full-time health visitors were employed during the year.

The following is a summary of Health Visiting:—

Expectant Mothers

Number visited	987
Total visits	1,919

Children under 1 year

Number visited	1,340
Total visits	8,176

Children between 1 and 5 years

Number visited	9,515
Total visits	20,570

Tuberculosis Cases

Number visited	212
Total visits	523

Aged Persons

Number visited	831
Total visits	1,967

Other Cases

Number visited	1,298
Total visits	2,278

Total visits paid — 35,433

### HOME NURSING

There is a constant demand for all types of equipment to assist in the care of those who are ill or disabled at home. In particular there is a high demand for commodes, bed pans and rubber sheeting. The following items of equipment are provided on loan, wheel chairs, zimmer walking aids, tripod walking aids, bed pans, commodes, urinals, rubber air rings, rubber sheeting, bed cages, back rests and feeding cups. In exceptional cases involving paralysis lifting aids are also provided.

The following is a summary of home nursing:—

	<u>Medical</u>	<u>Surgical</u>	<u>Diabetic</u>	<u>Total</u>
Number visited	878	317	28	1,223
Total visits	18,827	6,530	3,205	28,462

Of the 1,223 cases attended by home nurses during the year 742 were to aged persons and of the 28,462 visits paid, 19,134 were to aged persons and 10,677 visits were for the purpose of giving injections.



MIDWIFERY

Notification of Births

The number of live births notified to the Health Department (including illegitimate) was 1,125 and the number of still-births notified was 19 giving a total of 1,144.

Total number of births occurring in institutions	—	1,092
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Detailed as follows:—

Motherwell Maternity Hospital	839
Bellshill Maternity Hospital	60
William Smellie Maternity Hospital	87
Beckford Lodge Maternity Hospital	92
Calderbank Hospital	3
St. Francis Hospital	2
Ross Hospital	2
Royal Maternity Hospital	2
Belvidere Hospital	1
Redlands Hospital	1
Simpson Memorial Hospital	1
Lockhart Hospital	1
Strathclyde Hospital	1
	<hr/>
TOTAL	1,092
	<hr/>

Total number of births occurring at home	—	52
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Administration of Analgesics

Number of midwives in the area qualified to administer analgesics and employed on local health authority work		5
---	--	---

Number of sets of apparatus in use at 31st December, 1969	Trilene	5
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## IMMUNISATION AND VACCINATION

Immunisation and Vaccination is offered in respect of the following diseases – Poliomyelitis, Diptheria, Whooping Cough, Tetanus, Smallpox, Tuberculosis and Measles.

Diptheria, Whooping Cough and Tetanus in combined form and vaccination against Poliomyelitis is offered at the age of 6 months. Measles vaccination, introduced in April 1968 is now offered during the second year of life to be followed by vaccination against Smallpox. A Poliomyelitis booster and Diptheria Tetanus booster dose is given just prior to school entry. B.C.G. vaccination against Tuberculosis continues to be offered to school children between the ages of 13 years and 14 years and to all contacts of this disease.

The number of persons vaccinated during the year was as follows:—

Immunisation and Vaccination	In Town Council Clinics	By General Medical Practitioner	Total
<u>Diptheria</u>			
No. of persons completing course	275	702	977
No. of maintenance inoculations	266	758	1,024
<u>Whooping Cough</u>			
No. of persons completing course	265	544	809
No. of maintenance inoculations	14	258	272
<u>Tetanus</u>			
No. of persons completing course	275	702	977
No. of maintenance inoculations	266	758	1,024
<u>Poliomyelitis</u>			
No. of persons completing course	271	659	930
No. of maintenance inoculations	280	654	934
<u>Smallpox</u>			
No. of persons with successful primary vaccination	144	563	707
No. of persons re-vaccinated	20	217	237
<u>B.C.G.</u>			
No. of School children vaccinated	1,152	—	1,152
No. of tuberculosis contacts vaccinated	279	—	279
<u>Measles</u>			
No. of persons vaccinated	119	26	145
<u>Rubella</u>			
No. of persons vaccinated (Schools)	397	1	398

## TUBERCULOSIS

### Incidence

During the year 28 notifications of tuberculosis were received. The Diagnosis was confirmed in 26 cases. Of these 21 were pulmonary. Classification of confirmed cases according to age group and sex incidence is shown in the statistical tables at the end of the report.

### All Tuberculosis

There are 144 persons resident in the Burgh of Motherwell and Wishaw who are known to be suffering from tuberculosis at 31st December, 1970. These are classified according to age and sex in the statistical tables at the end of the report.

### Deaths

There were 4 deaths from respiratory tuberculosis during the year.

The death rate for 1970 is 0.05 per thousand of the population.

### Contact Investigation and B.C.G. Vaccination

258 contacts, of whom 254 were children under 15 years of age were traced during the year and all contacts over 15 years were offered X-ray of chest. At special contact sessions held twice weekly in the Airbles Road Clinic Centre 254 persons were tuberculin tested. The following tables show the result obtained from skin testing of contacts under 15 years of age.

	<u>Tuberculin Tested</u>	<u>Positive</u>	<u>Negative</u>
Under 1 year	67	2	65
1 — 4 years	81	1	80
5 — 9 years	65	2	63
10 — 15 years	41	—	41
	254	5	249

Of the 249 negative reactors 239 were given B.C.G. Vaccination as under. All were successfully converted to tuberculin positive.

Under 1 year	65
1 -- 4 years	77
5 -- 9 years	57
Over 10 years	40
	<hr/>
	239
New born babies in tuberculosis families	40
	<hr/>
	279
	<hr/>

#### B.C.G. Vaccination in Schools — Session 1969-70

The number of children eligible under the scheme was 1,710. Consent for testing and vaccination was received for 1,427 children. This figure represents 83% of the children eligible under the scheme.

Of these 1,427 children, 1,422 received a preliminary skin test under the School B.C.G. Scheme. 1,391 reported for reading 3 days later. Of these 239 were positive (17%) and 1,152 negative (83%). 1,152 children were vaccinated with B.C.G.

### VENEREAL DISEASES

The Clinic is held at Oak Lodge, Hamilton.

The following figures are furnished by Dr. Masterton, Consultant Venereaologist, and give an indication of the extent of Venereal Diseases in the Burgh during the year 1970.

The number of patients from the Burgh dealt with during the year, at or in connection with the out-patient department, for the first time is as follows:-

	<u>Male</u>	<u>Female</u>
Syphilis	—	—
Gonorrhoea	17	3
Non-specific Urethritis	19	—
Trichomonas	—	5
Other Venereal Conditions	11	4
Non-Venereal Conditions	24	22

Total number of attendances of all patients residing in the Burgh —

<u>Male</u>	<u>Female</u>	<u>Total</u>
321	135	456

### MOTHERCRAFT TEACHING

Two classes per week are held, on a Tuesday morning in Motherwell and on a Wednesday morning in Wishaw.

The classes start off with a recorded talk by Dr. Grieve on

- (1) The Mother
- (2) The Birth
- (3) The Baby

Dental Care — Talk and Film by Chief Dental Officer.

### OTHER TALKS

20 talks were given to various organisations during the year. Some of the talks were accompanied by films.



### DENTAL SERVICES REPORT 1970

It is gratifying to report that the staffing situation in the department has improved this year and that from October full-time working at Motherwell and Wishaw clinics was resumed. Two excellent, qualified dental nurses are now employed and this has greatly increased the working efficiency as the treatment returns will show.

The inspection sessions at Motherwell and Wishaw Clinics and also Forgewood have been maintained. While sessions at Coltness have been resumed, attendances are disappointing and these may have to be discontinued as the time could be utilised elsewhere.

Much has been said in the past about broken appointments and while the situation at Motherwell has shown a slight improvement these still remain a problem at Wishaw clinic, especially among young children who are not brought to the clinic even when the parents have been told that treatment is required. Again at both clinics many mothers wait until their children are in considerable pain before bringing them for treatment.

The General Anaesthetic sessions at both clinics have been busy with both gas and intra-venous anaesthetics being administered by two part-time anaesthetists. An improvement has been shown recently in the attendance at the Mothercraft class and a new set of instructional slides were made which have proved helpful and interesting to the mothers and also to some of the nurses who have been present at the lectures.

In conclusion I would like to express my appreciation for the co-operation given by the Health Visitors with the distribution of post-natal appointments and their liaison with patients and for the help given by Dr. Young, Dr. Wood and Dr. Hannah and the clerical staff at Airbles Road. Without this help and interest on the part of others my Assistant Dental Officer and I would not be able to maintain an efficient and smooth running dental service for the priority classes.

Chief Dental Officer.

1970

New Cases

Mothers	
Ante and Post Natal	928
Pre-School	903
	<hr/>
Total	1,831
	<hr/>

Attendances at Clinics 3,749

Teeth Extracted

Mothers	401
Children	196
	<hr/>
Total	597
	<hr/>

General Anaesthetics 166

Teeth Filled

Mothers	447
Children	376
	<hr/>
Total	823
	<hr/>

Other Operations including scaling, gum treatment, taking impressions, trying-in and fitting dentures and the treatment of childrens' teeth with silver nitrate and topical fluoride and the taking of X-rays.

Mothers	1,120
Children	969
	<hr/>
Total	2,089
	<hr/>

Provision of Dentures

Full	67
Partial	65
Repairs	10
	<hr/>
Total	142
	<hr/>

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1970

Population (Registrar General's Estimate) to middle of 1970	74,453
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Birth rate per thousand of the population	15.3
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Death rate per 1,000 of the population	11.5
Death rate adjusted for age and sex distribution	13.3
Number of deaths of infants under one year (Corrected for Usual Residence)	30
Infant mortality rate (per thousand live births)	26
Neonatal mortality rate (per thousand live births)	16
Total number of still-births (Corrected for Usual Residence)	19
Still-birth rate per 1,000 total births	16
Number of deaths from all forms of tuberculosis (Corrected)	4
Death rate from all forms of tuberculosis (per 1,000 of population)	0.05
Number of deaths from pulmonary tuberculosis	5
Death rate from pulmonary tuberculosis (per 1,000 of population)	0.05
Number of deaths from malignant neoplasms (Corrected)	162
Death rate from malignant neoplasms (per 1,000 of population)	2.18
Number of deaths from bronchitis and pneumonia (Corrected)	92
Death rate from bronchitis and pneumonia (per 1,000 of population)	1.24
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Death rate from road transport accidents (per 1,000 of population)	0.15
Number of deaths from accidents in the home (Corrected)	7
Death rate from accidents in the home (per 1,000 of population)	0.09

Deaths

The following table shows the corrected death rate since 1936:—

<u>PERIOD</u>	<u>RATE</u>
1936 - 40	12.3
1941 - 45	12.1
1946 - 50	11.5
1951 - 55	11.2
1956 - 60	11.1
1961 - 65	11.1
1966	11.1)
1967	10.9)
1968	10.9) 11.2
1969	11.9)
1970	11.5)

The various causes of death are indicated in the following table:—

	<u>Under 5</u>	<u>Over 5</u>	<u>Total</u>
Enteritis and other diarrhoeal diseases	1	2	3
Tuberculosis of respiratory system	—	4	4
Whooping cough	1	—	1
Meningococcal infection	2	—	2
Other infective and parasitic diseases	—	3	3
Malignant neoplasms	—	162	162
Benign and unspecified neoplasms	—	1	1
Diabetes mellitus	—	6	6
Avitaminoses and other nutritional deficiency	—	1	1
Other general diseases	1	3	4
Meningitis	—	1	1
Other diseases of nervous system	—	8	8
Chronic rheumatic heart disease	—	8	8
Hypertensive disease	—	5	5
Ischaemic heart disease	—	254	254
Other forms of heart disease	—	25	25
Cerebrovascular disease	1	142	143
Other circulatory diseases	—	43	43
Influenza	—	4	4
Pneumonia	7	33	40
Bronchitis, emphysema and asthma	—	52	52
Other respiratory diseases	1	10	11
Peptic ulcer	—	3	3
Appendicitis	1	1	2
Intestinal obstruction and hernia	—	1	1
Cirrhosis of liver	—	2	2
Other digestive diseases	—	5	5
Nephritis and nephrosis	—	4	4
Hyperplasia of prostate	—	1	1
Infections of kidney	—	6	6
Other diseases of genito-urinary system	—	1	1
Diseases of skin, musculoskeletal system, etc.	—	1	1
Congenital anomalies of nervous system	1	—	1
Congenital anomalies of circulatory system	5	—	5
Other congenital anomalies	3	—	3
Birth injury, difficult labour and other anoxic and hypoxic conditions	4	—	4
Other causes of perinatal mortality	8	—	8
Senility without mention of psychosis	—	1	1
Motor vehicle accidents	2	9	11
Accidents in the home	2	5	7
Other violence	1	4	5
Suicide and self-inflicted injury	—	4	4
	41	815	856



## STILL BIRTHS AND INFANT DEATHS

### Perinatal Death Rate

There were 18 deaths during the first week of life. This combined with the 19 still-births gives a total of 37 perinatal deaths and a perinatal death rate of 32 per thousand total births.

### Still-births

During the year 1970 there were 19 still-births — 3 less than in the previous year. The still-birth rate per thousand total births is 16.

The causes this year were:—

#### Maternal

Post Maturity	2	
Rhesus Negative	1	
Ante-Partum Haemorrhage	3	
Hypertension	1	
Placental Insufficiency	1	8

#### Foetal Abnormalities

Agnesis of Lungs	1	
Anencephaly	5	
Prematurity	2	
Hydrocephaly	1	
Antenatal Hypoxia	1	
Atelectasis	1	11

Total 19

### Infant Deaths

During 1970 there were 30 deaths of infants under the age of one year, which is 2 more than in the previous year.

The infant mortality rate per thousand live births is 26.

The number of infant deaths occurring within the first twenty-eight days of life was 18 (69%) giving a neo-natal death rate of 16 per thousand live births.

The number of infant deaths occurring within the first week of life was 16 giving a death rate of 13 per thousand live births.

The following table shows the cause of death and the age at death of the infants who died during the year.

	<u>AGE AT DEATH</u>									
	<u>WEEKS</u>					<u>MONTHS</u>				Total
	0-1	1-2	2-3	3-4	Up to 1 mth. and under 3	Over 1 and under 3	3-6	6-9	9-12	
Prematurity	12	-	-	-	12	-	-	-	-	12
Cerebral Haemorrhage	-	-	-	-	-	1	-	-	-	1
Acute Respiratory Pneumonia & Infection	-	-	-	-	-	2	2	1	1	6
B.coli Meningitis	1	-	-	-	1	-	-	-	-	1
Congenital Heart Disease	1	-	1	-	2	1	-	-	-	3
Gastro-enteritis	-	-	-	-	-	-	1	-	-	1
Anencephaly	1	-	-	-	1	-	-	-	-	1
Spina Bifida	-	-	-	-	-	-	1	-	-	1
Severe Anaemia	1	-	-	-	1	-	-	-	-	1
Whooping Cough	-	-	-	-	-	1	-	-	-	1
Tofranil Poisoning	-	-	-	-	-	-	-	-	1	1
Gastroschisis	-	1	-	-	1	-	-	-	-	1
Total	16	1	1	-	18	5	4	1	2	30

The following table indicates the number and rate of still-births, neo-natal deaths and perinatal deaths since 1959.

	Still Births		Deaths in	Deaths in	Neo-Natal	Deaths	Perinatal	Deaths
	No.	Rate	first week	2nd, 3rd & 4th wks.	No.	Rate	No.	Rate
1959	27	18	28	3	31	21	55	37
1960	24	16	30	1	31	20	54	35
1961	26	16	24	6	30	19	50	31
1962	32	20	17	2	19	12	49	31
1963	25	16	25	4	29	19	50	33
1964	31	19	22	2	24	15	53	33
1965	27	17	19	3	22	14	46	29
1966	23	16	10	4	14	10	33	22
1967	19	12	10	4	14	9	28	19
1968	27	20	14	1	15	11	41	30
1969	22	17	16	3	19	15	38	29
1970	19	16	16	2	18	16	37	32

The following table gives the age period at which deaths occurred from cancer during the year 1970.

<u>Age</u>	<u>No. of Deaths</u>	<u>% of Deaths</u>
1 - 14	—	—
15 - 24	1	1
25 - 34	—	—
35 - 44	3	2
45 - 54	30	19
55 - 64	42	26
65 - 74	51	32
75 - 84	29	18
85 and over	3	2

### Lung Cancer

The following table gives the incidence of lung cancer deaths since 1960.

<u>Year</u>	<u>Deaths in Males</u>	<u>Deaths in Females</u>	<u>Total</u>
1960	27	—	27
1961	34	4	38
1962	48	3	51
1963	32	4	36
1964	27	5	32
1965	30	5	35
1966	26	3	29
1967	35	6	41
1968	29	5	34
1969	31	2	33
1970	32	8	40

### Infant and Maternal Mortality

The following table shows infant mortality per 1,000 live births since 1931 and the number of infant deaths since 1961.

<u>Period</u>	<u>Rate</u>
1931 - 1935	85
1936 - 1940	76
1941 - 1945	66
1946 - 1950	47
1951 - 1955	31
1956 - 1960	31

<u>Year</u>	<u>Total Live Births</u>	<u>Infant Deaths</u>	<u>Infant Mortality Rate</u>
1961	1,569	49	31)
1962	1,530	31	20)
1963	1,509	55	36)
1964	1,596	45	28)
1965	1,552	34	22) 27
1966	1,454	22	15)
1967	1,450	22	15)
1968	1,344	26	19) 19
1969	1,273	28	22)
1970	1,142	30	26)

There were 19 still-births during the year 1970 giving a still-birth rate of 16 per 1,000 total births. The still-birth rates since 1953 are as follows:—

1953	23)	1962	20)
1954	23)	1963	16)
1955	16)	1964	19)
1956	26) 24	1965	17)
1957	22)	1966	16)
1958	17)	1967	12)
1959	18)	1968	20)
1960	16)	1969	17)
1961	16) 18	1970	16)

The following table shows the maternal death rates per 1,000 live births since 1931 and the number of maternal deaths since 1961:—

<u>Period</u>	<u>Rate</u>
1931 — 1935	7.9
1936 — 1940	3.9
1941 — 1945	2.8
1946 — 1950	1.5
1951 — 1955	0.9
1956 — 1960	0.8

<u>Year</u>	<u>No. of Maternal Deaths</u>	<u>Maternal Mortality Rate</u>
1961	—	— )
1962	—	— )
1963	1	0.66 )
1964	—	— )
1965	—	— ) 0.13
1966	—	— )
1967	1	0.68 )
1968	1	0.74 )
1969	—	— )
1970	—	— )

## Births

During the year live births numbered 1,142 giving a birth rate of 15.3.

The following table shows the birth rate per 1,000 of the population since 1931 and the number of live births since 1961.

<u>Period</u>	<u>Rate</u>
1931 — 1935	20.58
1936 — 1940	19.46
1941 — 1945	19.44
1946 — 1950	21.06
1951 — 1955	18.74
1956 — 1960	20.72

<u>Year</u>	<u>Total Live Births</u>	<u>Birth Rate per 1,000 of Population</u>
1961	1,569	21.4 )
1962	1,530	20.8 )
1963	1,509	20.5 )
1964	1,596	20.9 )
1965	1,552	20.3 ) 20.78
1966	1,454	19.1 )
1967	1,450	19.2 )
1968	1,344	17.8 )
1969	1,273	17.0 )
1970	1,142	15.3 )



## Marriages

The number of marriages in 1970 was 713 which gave the marriage rate of 9.6 per 1,000 of population.

The following table shows the marriage rate per 1,000 of the population since 1931 and the number of marriages since 1961.

	<u>Period</u>	<u>Rate</u>
	1931 - 1935	6.44
	1936 - 1940	8.04
	1941 - 1945	8.82
	1946 - 1950	8.76
	1951 - 1955	8.94
	1956 - 1960	8.50

<u>Year</u>	<u>No. of Marriages</u>	<u>Marriage Rate per 1,000 of Population</u>
1961	614	8.4)
1962	613	8.3)
1963	613	8.3)
1964	564	7.4)
1965	646	8.5)
1966	608	8.0)
1967	574	7.6)
1968	644	8.5)
1969	655	8.7)
1970	713	9.6)

## Tuberculosis

The following table gives the confirmed cases of tuberculosis in 1970 classified according to age group and sex incidence.

	<u>Pulmonary</u>		
	<u>Male</u>	<u>Female</u>	<u>Total</u>
Under 5 years	—	—	—
5 - 14 years	—	—	—
15 - 24 years	1	3	4
25 - 34 years	1	—	1
35 - 44 years	3	1	4
45 - 54 years	5	1	6
55 - 64 years	4	1	5
65 and over	1	—	1
	15	6	21

	<u>Non Pulmonary</u>		
	<u>Male</u>	<u>Female</u>	<u>Total</u>
Under 5 years	—	—	—
5 — 14 years	—	—	—
15 — 24 years	—	1	1
25 — 34 years	1	3	4
35 — 44 years	—	—	—
45 — 54 years	—	—	—
55 — 64 years	—	—	—
65 and over	—	—	—
	1	4	5

<u>Total Pulmonary and Non Pulmonary</u>			
Under 5 years	—	—	—
5 — 14 years	—	—	—
15 — 24 years	1	4	5
25 — 34 years	2	3	5
35 — 44 years	3	1	4
45 — 54 years	5	1	6
55 — 64 years	4	1	5
65 and over	1	—	1
	16	10	26

The following table shows the tuberculosis incidence rates since 1931 and the number of cases confirmed annually since 1961:—

<u>Period</u>	<u>Pulmonary Rate</u>	<u>Non Pulmonary Rate</u>	<u>Total</u>
1931 — 1935	1.06	0.71	1.77
1936 — 1940	1.06	0.62	1.68
1941 — 1945	1.57	0.54	2.11
1946 — 1950	2.08	0.33	2.41
1951 — 1955	2.05	0.27	2.32
1956 — 1960	1.02	0.11	1.13

<u>Year</u>	<u>Pulmonary</u>			<u>Non Pulmonary</u>			<u>Total</u>	
	<u>Cases</u>	<u>Rate</u>		<u>Cases</u>	<u>Rate</u>		<u>Cases</u>	<u>Rate</u>
1961	32	0.44)		9	0.12)		41	0.56)
1962	43	0.59)		5	0.07)		48	0.66)
1963	33	0.44)		13	0.18)		46	0.62)
1964	43	0.56)		9	0.12)		52	0.68)
1965	38	0.49)	0.51	13	0.17)	0.13	51	0.66)
1966	30	0.39)		6	0.08)		36	0.47)
1967	29	0.38)		7	0.09)		36	0.48)
1968	23	0.31)		6	0.08)		29	0.38)
1969	20	0.29)		3	0.04)		23	0.32)
1970	21	0.28)		5	0.07)		26	0.35)



There were 163 persons resident in the Burgh of Motherwell and Wishaw known to be suffering from Tuberculosis at 31st December, 1970. These are classified according to age and sex as shown in the following table.

	<u>Pulmonary</u>		
	<u>Male</u>	<u>Female</u>	<u>Total</u>
Under 5 years	—	1	1
5 — 14 years	1	1	2
15 — 24 years	3	5	8
25 — 34 years	5	12	17
35 — 44 years	12	13	25
45 — 54 years	16	17	33
55 — 64 years	28	6	34
65 and over	22	2	24
	87	57	144

	<u>Non Pulmonary</u>		
	<u>Male</u>	<u>Female</u>	<u>Total</u>
Under 5 years	—	—	—
5 — 14 years	—	—	—
15 — 24 years	—	1	1
25 — 34 years	3	4	7
35 — 44 years	4	1	5
45 — 54 years	1	3	4
55 — 64 years	—	1	1
65 and over	1	—	1
	9	10	19

	<u>Total Pulmonary and Non Pulmonary</u>		
	<u>Male</u>	<u>Female</u>	<u>Total</u>
Under 5 years	—	1	1
5 — 14 years	1	1	2
15 — 24 years	3	6	9
25 — 34 years	8	16	24
35 — 44 years	16	14	30
45 — 54 years	17	20	37
55 — 64 years	28	7	35
65 and over	23	2	25
	96	67	163

## Deaths from Tuberculosis

There were 4 deaths from Respiratory Tuberculosis during the year.

### Age at Death

Under 5 years	—
5 — 14 years	—
15 — 24 years	—
25 — 34 years	—
35 — 44 years	—
45 — 64 years	2
65 and over	2
	<hr/>
	4
	<hr/>

The following table shows the death rates per 1,000 of the population from tuberculosis since 1931 and the number of deaths since 1961:—

<u>Period</u>	<u>Pulmonary Rate</u>	<u>Non Pulmonary Rate</u>	<u>Total</u>
1931 — 1935	0.50	0.20	0.70
1936 — 1940	0.59	0.23	0.82
1941 — 1945	0.65	0.23	0.88
1946 — 1950	0.78	0.15	0.93
1951 — 1955	0.27	0.05	0.32
1956 — 1960	0.13	0.02	0.15

<u>Year</u>	<u>Pulmonary</u>		<u>Non Pulmonary</u>		<u>All Tuberculosis</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>
1961	10	0.14)	1	0.01)	11	0.15)
1962	4	0.05)	—	—	4	0.05)
1963	3	0.04)	1	0.01)	4	0.05)
1964	4	0.05)	1	0.02)	5	0.07)
1965	2	0.03)	1	0.01)	3	0.04)
1966	6	0.08)	—	— )	6	0.08)
1967	1	0.01)	—	— )	1	0.01)
1968	4	0.05)	1	0.01)	5	0.07)
1969	1	0.01)	—	—	1	0.01)
1970	4	0.05)	—	—	4	0.05)

Factories Act, 1937 to 1959

<u>Premises</u>	<u>Number on Register</u>	<u>Inspections</u>	<u>Number of Written Notices</u>	<u>Occupiers Prosecuted</u>
(1) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	14	—	—	—
(2) Factories not included in (1) in which Section 7 is enforced by the Local Authority	151	80	2	—
(3) Other Premises in which Section 7 is enforced by the Local Authority (including Out-workers' premises)	7	21	—	—
	172	101	2	—

The following table gives particulars of the defects which were found:—

<u>Particulars</u>	<u>Found</u>	<u>Remedied</u>	<u>Referred to H.M. Inspector</u>	<u>Referred by H.M. Inspector</u>	<u>Number of cases in which Prosecutions were instituted</u>
Want of cleanliness (S.1.)	2	2	—	2	—
Ineffective drainage of floors (S.6.)	—	—	—	—	—
Sanitary Convenience (S.7.)					
A/. Insufficient	—	—	—	—	—
b/. Unsuitable or defective	2	2	—	2	—
c/. Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Out-work)	—	—	—	—	—
	4	4	—	4	—

Clinics, Child Welfare Centre, Airbles Road, Motherwell

Ante-Natal	Monday 8.45 a.m. and Wednesday 1.30 p.m.
Artificial Sunlight	Tuesday and Friday 2 p.m. (By Appointment)
Dental	Monday 9 a.m. and Wednesday 2 p.m. (Inspection of new cases) Otherwise daily by appointment
Immunisation and Vaccination	At Child Welfare Clinics
Post-Natal and Gynaecological	Monday 1.30 p.m. and 3.30 p.m.
Tuberculosis Contact Clinic	4th Monday and Thursday of each month at 10.30 a.m.
B.C.G. Clinic	Last Thursday of each month at 10.30 a.m.
Mothercraft Classes	Tuesday 10 a.m.
Well Woman Clinics	By Appointment

Clinic Premises used by Voluntary Associations

Motherwell, Wishaw and District Women's Advisory Association

2nd and 4th Tuesday of each month at 2 p.m.

Motherwell, Wishaw and District Marriage Guidance Council

Marriage Guidance Counselling — By Appointment

Junior Paraplegic Therapy Group

Monday and Thursday mornings

Motherwell, Wishaw and District Catholic Family Planning Association

1st and 3rd Wednesday of each month at 7.30 p.m.

General Medical Practitioner/Midwife Ante-Natal and Post-Natal Clinics

Drs. J. P. McMillan,  
Marie McMillan and  
E. McKenna

Tuesday 2 - 3.30 p.m.

Dr. H. Simpson

Thursday 2-3.30 p.m.

Drs. J. Simpson and  
D. W. Clementson

Thursday 3.30 - 5 p.m.

Drs. J. R. Thomson,  
J. S. Chapman, T. Moffat  
and Houston

Thursday 1 p.m. (Surgery Premises)

Drs. Allan, Hannah  
and Wood

Friday 2 - 3.30 p.m. (Surgery Premises)

Drs. K. Cameron,  
T. Blair and Leng

Friday 2 - 3.30 p.m.

Forgewood Clinic - Community Centre, Dinmont Crescent, Motherwell

Child Welfare and distribution  
of Welfare Foods  
Immunisation and Vaccination

Wednesday 9.30 a.m.

Town Hall, Motherwell

Child Welfare and distribution  
of Welfare Foods  
Immunisation and Vaccination

Wednesday 2 p.m.

Lodge Tower, Motherwell

Child Welfare and distribution  
of Welfare Foods  
Immunisation and Vaccination

Monday 2 p.m.

Craigneuk Clinic, Shieldmuir Street, Craigneuk, Wishaw

Child Welfare and distribution  
of Welfare Foods  
Immunisation and Vaccination

Tuesday 2 p.m.

Clinics, Child Welfare Centre, Stewarton Street, Wishaw

Ante-Natal	Tuesday and Thursday 8.45 a.m.
Artificial Sunlight	Monday and Wednesday 2.30 p.m. (by Appointment)
Dental	Tuesday and Thursday 9 a.m. (Inspection of new cases) Otherwise daily by appointment
Immunisation and Vaccination	At Child Welfare Clinics
Post-Natal and Gynaecological	Thursday 1.30 p.m. and 3.30 p.m.
Mothercraft Classes	Wednesday 10 a.m.
Tuberculosis Contact Clinic	4th Monday and Thursday of each month at 11 a.m.
B.C.G. Clinic	Last Thursday of each month at 11 a.m.
Well Woman Clinics	By Appointment

General Medical Practitioner/Midwife Ante-Natal and Post-Natal Clinic

Dr. Martin	Tuesday 1.30 p.m.
Drs. J. P. McMillan, Marie McMillan and E. McKenna	Friday 2 - 3.30 p.m.
Drs. Logan, White and Napier	Wednesday 1.30 p.m.

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Clinic Premises used by Voluntary Associations

Motherwell, Wishaw and District Women's Advisory Association

1st and 3rd Monday of each month at 2 p.m.

Motherwell, Wishaw and District Catholic Family Planning Association

2nd and 4th Wednesday of each month at 7.30 p.m.



The following arrangements have been made for General Medical Practitioners "Child Welfare and Immunisation".

Drs. Chapman, H. Simpson, J. R. Thomson, Houston and Moffat		Surgery	Friday	1.30 p.m.
Drs. Wyper, J. Simpson and Clementson		Surgery	Friday	1.30 p.m.
Drs. Logan, White and Napier		Health Dept., Wishaw	Wednesday	1.30 p.m.
Drs. Mathewson, Naismith and Hamilton		Surgery	Tuesday	1.30 p.m.
Dr. Martin		Health Dept., Wishaw	Tuesday	2.30 p.m.
Drs. McMillan, McKenna ) and S. Thomson )		Health Dept., M'well Health Dept., Wishaw	Tuesday Friday	2.00 p.m. 2.00 p.m.
Drs. Cameron, Blair and Leng		Health Dept., M'well	Friday	2.30 p.m.
Drs. Wood, Williamson, Allan and Hannah		Surgery	Tuesday	1.30 p.m.
Drs. Burns, Donnachie and Ross	OR	Surgery Health Dept., Wishaw	Normal Surgery Arrangements Friday	2.00 p.m.
Dr. Kirk		Health Dept., Wishaw	Tuesday	2.30 p.m.
All Other Family Doctors	OR	Surgeries Health Dept., Wishaw	Normal Surgery Arrangements Friday	2.00 p.m.

Coltness Clinic, Community Centre, Coltness, Wishaw

Child Welfare and distribution of Welfare Foods Immunisation and vaccination		Thursday	2.00 p.m.
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